REMARKS

Claims 27-31 are presently pending. Claims 1-26 are cancelled without prejudice. Claims 27-31 are added.

Claims 25 and 26 were rejected under 35 U.S.C. § 103(a) as being obvious from Shoobridge. Assignee has cancelled claims 25 and 26 and added claim 27.

Claim 27 recites, among other limitations, "selecting at least one power management state from a plurality of power management states based at least in part on the detection of the amount of traffic, the detection of the link, the detection of battery usage with an absence of AC power, and the detection of the power state". Although Examiner has indicated that Shoobridge teaches that "('sleep mode' is selected when traffic is zero as mentioned in lines 40-47 of column 5)", Office Action at 3, Assignee respectfully submits that Shoobridge does not teach "selecting at least one power management state from a plurality of power management states based at least in part on the detection of the amount of traffic, the detection of the link, the detection of battery usage with an absence of AC power, and the detection of the power state". Accordingly, Assignee respectfully submits that claim 27, and dependent claims 28-31 are allowable.

Claim 29 recites, among other limitations, "detecting an amount of traffic further comprises detecting whether the amount of traffic is above a certain non-zero threshold". Examiner has indicated that Shoobridge teaches "that if communication is absent for a predetermined time. Thus, amount of traffic, which may be zero or non-zero, is detected)". However, Assignee respectfully submits that the foregoing does not teach "detecting an amount of traffic further comprises

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detecting whether the amount of traffic is <u>above a certain</u> <u>non-zero threshold</u>". Accordingly, Assignee respectfully submits that claim 29 is allowable.

Claim 30 recites, among other limitations, "wherein detecting an amount of traffic further comprises approximating the amount of traffic, and wherein the amount of traffic exceeds zero". Examiner has indicated that Shoobridge teaches "that if communication is absent for a predetermined time. Thus, amount of traffic, which may be zero or non-zero, is detected)". However, Assignee respectfully submits that the foregoing does not teach "approximating the amount of traffic, and wherein the amount of traffic exceeds zero". Accordingly, Assignee respectfully submits that claim 30, and dependent claim 31 are allowable.

Claim 31 recites, among other limitations, "wherein said power is scaled in relationship to said approximated amount of traffic". Although Examiner has indicated "low power mode is selected when there is no traffic", the foregoing does not teach "wherein said power is scaled in relationship to said approximated amount of traffic". Accordingly, Assignee respectfully submits that claim 31 is allowable.

<u>Conclusion</u>

For at least the foregoing reasons, each of the pending claims in the application are allowable, thereby making the application in a condition for allowance. A notice to that affect is respectfully solicited. The Commissioner is

hereby authorized to charge additional fee(s) or credit overpayment(s) to the deposit account of McAndrews, Held & Malloy, Account No. 13-0017.

RESPECTFULLY SUBMITTED,

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